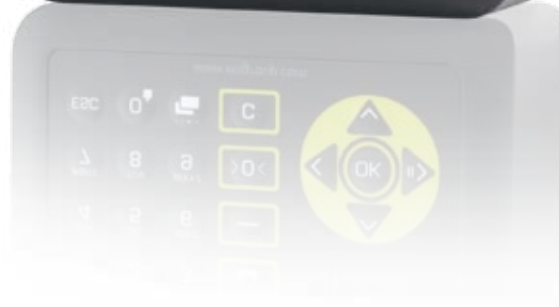




millennium<sup>S</sup>



helper<sup>X</sup>

**ON BOARD WEIGHING SOLUTIONS**  
**TECHNOLOGY CONCEIVED FOR YOU**

# A NEW GENERATION OF POWERFUL YET SIMPLE TO USE ONBOARD WEIGHING SOLUTIONS

THE INSTALLATION OF ACCURATE AND EASY-TO-VIEW ONBOARD WEIGHING SOLUTIONS AND PAYLOAD MONITORING ENABLE FLEET OPERATORS TO CONTROL LOADS MOVED, DRIVING DOWN HAULAGE COSTS AND IMPROVING PRODUCTIVITY

As a company that manufactures and services OnBoard Weighing Solutions and Payload Management equipment worldwide, **VEI**'s solutions can be found on a diverse range of industrial vehicles, including wheeled loaders, excavators with bucket or grapples, rigid dump trucks, articulated dump trucks, underground LHDs, off-road self loading concrete mixers and forklift trucks.

The company's new generation of devices feature a bright colour display that is unequalled elsewhere in the industry. Visibility in direct sunlight is assured making the industry existing ones only poor displays with reflections and darkness when bright light enters the cabin.

The **VEI** software interface also makes these devices very easy to use and upgrade from "entry" to "advanced" level; the wireless connection availability makes weighing data available anywhere in real time. With a worldwide trained network of companies, **VEI** promises a high level of service and technical backup. Its systems can be linked to third-party dispatch systems with ready communication protocols in place.

**VEI's millenniumS** and **helperX** new generation takes into consideration incabin space, ergonomics, visibility, ease of use and connectivity, while reducing the amount of componentry. In-cab space is optimised by the innovative design and applied electronics, which have permitted the building of a unique small Device incorporating the printer, when necessary, continuing **VEI** versatility of the integration as always been in the past.



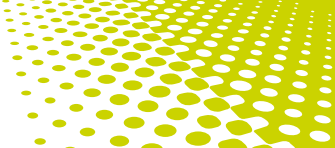
# DON'T SETTLE FOR LESS

**LEGAL  
FOR TRADE**

WHY INSTALL millennium<sup>S</sup> OR helper<sup>X</sup> ?

- High precision and legal for trade
- Minimum components with no junction boxes
- Swap scale from one loader to another for no downtime
- Avoid overload fines by loading right in the first place
- Reduce haulage cost avoiding underload
- Reduce cycle times at the weighing bridge
- Weigh bridges and associated running costs can be eliminated with the legal for trade version
- Track loading efficiency
- USB data transfer at no extra cost
- Help stock and sales tracking
- End-to-end management of the payload process, with print out of the delivery tickets and data sent to billing system in real time using wireless cellular technology
- Real time, web-based consultation of loading and production data from any work station, tablet or smart phone
- Easy-to-use thanks to the intuitive commands and guided data entry user interface made possible by the VEI innovative Operating System
- High-speed thermal printing
- The production plant can be loaded then suspended temporarily to load trucks. The system can manage simultaneous loading tasks (multitasking)
- Operator ID login with autolocking if not authorized
- Multiple weighing modes: Incremental, Target, Vehicle and Recipe
- Worldwide factory trained support backup
- 1 years warranty, best in the industry





# HOW TO CHOOSE THE SCALE THAT FITS YOUR OPERATION

START WITH ENTRY LEVEL AND EASILY UPGRADE TO ADVANCED. DO IT YOURSELF

If you are not sure how your operation will develop and therefore which type of scale you need, start with the **millenniumS** "entry level", see what it can do for you and eventually upgrade later to the "advanced level" in a fast and easy manner. The upgrade will be sent to your email account and by using the USB memory stick you can easily upgrade your scale without expensive indicator swap and on-site service like it is normally done by other scale providers; **DO IT YOURSELF**. With **VEI** your initial investment is kept at a minimum and your future upgrades too.

millenniumS



## ENTRY LEVEL

- Prevent overloading/underloading
- Check weight before scale house
- Plant loading
- Production Monitoring
- Small customer base

helperX



## ADVANCED LEVEL

- Prevent overloading/underloading
- Check weight before scale house
- Plant loading
- Production Monitoring

+

- Large customer base
- Loading by Truck ID
- Load Destination ID
- Recipe program for blending operations





## OPERATOR LOGIN



With the **VEI** scales you can set the Operator login ID and Password in order to allow only specified operators to use the scale. The operator name will appear on each loading record, printed or memory recorded, in order to be identified in case of need.

## ACCREDITATIONS BRING SUPERIOR QUALITY

The **VEI** products have undergone diverse testing procedure in order to assure the customer satisfaction and industry latest requirements fulfillment especially dedicated to the On Board application. These accreditations assure product reliability over time and in harsh working conditions delivering superior quality, precision and therefore your fast return on investment.




















### ELECTROMAGNETIC COMPATIBILITY:

- ISO 13766 earth moving machinery
- ISO 14982 agriculture and forestry machinery
- EN 50498 vehicle instrumentation
- EN 61326 measuring devices
- MID - European legal for trade approval
- SAE J1455, comprehensive of:
  - Dust test
  - Climatic test from -40° to +85°
  - Salt mist test
  - Vibration and shock test at 40G
















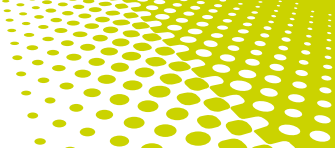
**VEI** products are certified Legal for Trade in Europe, Canada, Australia, Russia, China and elsewhere the procedure is undergoing. Legal for Trade accreditation certifies superior precision and weigh bridges with associated running costs can be eliminated.

## HARDWARE CHARACTERISTICS

Power supply	9÷36Vdc	
Working Temperature	-40°C ÷ +80°C	
Metrological accreditation working Temperature	-25°C +60°C	
Measurement Error (%)	0 ± 1	
Shocks	40G tested	
Protection Class	Device IP 54. Sensors IP67	
Size	140 x 204 x 67mm. (5,5 x 8 x 2,6 inches)	
Weight	928 gr (2 lb)	
Display	HD color TFT	
Light ambient sensor	day/night automatic display brightness	
Keyboard	Membrane, lighted	
Text editing	Mobile phone type	
Modem port	RS232	
Printer port	RS232	
USB port	USB read/write	
Tilt switch	Open contact	
Remote keys	Open contact	

## SOFTWARE FEATURES

Auto-add	
Tip off	
Diverse tool's calibrations	
Unit of Mass conversion	
Auto-Power On	
Auto-Shutdown	
Energy saving	
Plant and trucks simultaneous loading	
USB files backup/restore	
USB Software update	
USB/Wireless data update	
Operator ID login	
Split Weighing	

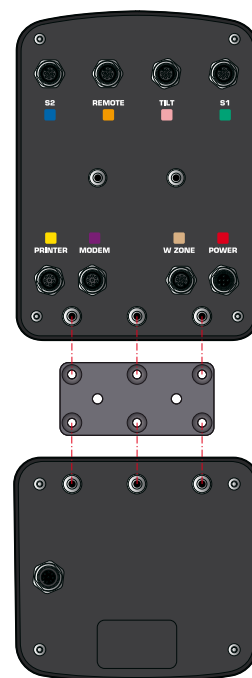


# DELIVERY TICKET PRINTOUTS AND PRODUCTION REPORT



Thermal high speed printing, indestructible when compared to the needle printer which are very much sensitive to dust and mechanical breakdown. It can be fitted under the **millenniumS** or **helperX** to produce a single, integrated unit or installed as a separate unit. The integration makes it the most compact unit in the market, easy to install and operative directly under the Device without having to move away from it.

Paper roll diameter 48 mm (1,9 inches)  
Paper width 57mm (2,2 inches)



Integration is its plus

## PRINTOUTS AVAILABLE:



Truck load



Truck load history



Production by favorite  
elapse dates



Management data



Configuration data



## SLIPPRINTER

The **Slip Printer** generates 3 copies of delivery dockets in a pre-printed format.

Ticket size 105 x 224 mm  
(4,1 x 9 inches)

**Zenith Aggregates**

Zenith Aggregates  
24, Riverside Road  
Toledo - OH 43604  
Ph. 419 99 1580 - fax 419 99 1589  
e-mail: info@zenithaggregates.com  
www.zenithaggregates.com

Loading Site:  
**Zenith Quarry Limited**  
115, Jackson Road  
Fremont - OH 43420  
Ph. 3344 9283 - fax 3344 9284  
e-mail: info@zenithaggregates.com  
www.zenithaggregates.com

Date: 15-02-2013 Time: 10:05

Customer: PHILLIPS CONSTRUCTIONS  
HIGHWAY 61  
44870 SANDUSKY  
OHIO

Vehicle: ESF 9355 Weight: 26,50ton

Product: GRAVEL 8/14 26,50ton

Ticket Nr.: 125 Nr. of Weighings: 5

Destination: SANDUSKY PORT  
18 NORTH GATE  
44870 SANDUSKY  
OHIO

Operator ID: STEVE Machine Code: CAT958H

Signature: *Jonas Janta*

## PRINTED INFORMATION INCLUDES:

- A** Site Owner company with address
- B** Loading site with address
- C** Loading company with address
- D** Date and Time of printout
- E** Loaded Product
- F** Loaded Weight
- G** Vehicle ID with preset target
- H** Number of Weighings
- I** Multiple Products loading
- J** Products overall Total
- K** Recipe Name
- L** Recipe Products loaded
- M** Customer Name with address
- N** Machine code
- O** Destination Name with address
- P** Loading Operator ID
- Q** Ticket number
- R** Signature box
- S** Footer

Others printout formats are available.  
Please consult us with your requirements.

**A**

PORTLAND QUARRY  
13 PEEK ROAD  
ROSKANK CITY  
OR

**B**

LOADING SITE  
CREEK VALLEY QUARRY

**C**

LOADING COMPANY  
SMITH CONTRACTING AND CO.

**D** 05/04/2013 16:04

**E**

PRODUCT	WEIGHT (t)
SAND	23,45
Vehicle	23,60
AC 455 RTS	

**F**

**G**

NO. OF WEIGHINGS	5
------------------	---

**H**

PORTLAND QUARRY  
13 PEEK ROAD  
ROSKANK CITY  
OR

LOADING SITE  
CREEK VALLEY QUARRY

LOADING COMPANY  
SMITH CONTRACTING AND CO.

11/04/2013 14:50

PRODUCT WEIGHT (t)

SAND	21,45
GRAVEL	15,20
ROCKS	45,45

TOTAL LOADED  
82,10 t

NO. OF WEIGHINGS 13

PORTLAND QUARRY  
13 PEEK ROAD  
ROSKANK CITY  
OR

LOADING SITE  
CREEK VALLEY QUARRY

LOADING COMPANY  
SMITH CONTRACTING AND CO.

10/04/2013 11:15

RECIPE  
MAIN CRUSHER

PRODUCT WEIGHT (t)

GRAVEL	145,00
Target	145,00
ROCKS	110,00
Target	110,00
LIMESTONE	135,00
Target	135,00

TOTAL LOADED  
390,00 t

NO. OF WEIGHINGS 70

CUSTOMER  
PHILLIPS CONSTRUCTIONS

MACHINE CODE  
CAT950H

DESTINATION  
WELLINGTON WAREHOUSE  
20045 PINETREE  
LIVERPOOL  
OR 50073

OPERATOR ID  
STEVEN

Ticket number 11

SIGNATURE

QUALITY PRODUCTS  
SINCE 1983

WEIGHTS LOG FILE  
TOTALS

27/03/2013 11:00

START OF WEIGHING 27/03/2013 09:13  
END OF WEIGHING 27/03/2013 09:20

PRODUCT WEIGHT (t)

SAND	23,45
------	-------

NO. OF WEIGHINGS 5  
NO. OF TICKET 1703  
OPERATOR ID STEVE  
CUSTOMER RICHARDSON PLANT LTD  
DESTINATION PALM TREE DRIVE

LOADING SITE  
PORTLAND QUARRY

LOADING COMPANY  
SMITH CONTRACTING AND CO.

MACHINE CODE  
L415

Typical truck load history

## USB DATA TRANSFER AT NO EXTRA COST!

AN ADDED VALUE, STANDARD MOUNTED IN THE DEVICE.  
BEST DEAL OF THE INDUSTRY

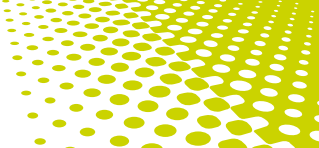


With a built-in USB port as standard on **millenniumS** and **helperX** you can use a commercial USB memory stick and download the loadings accomplished during the day without extra optional cost: it's all built-in.

Read the USB memory stick in your PC and open your loadings by using a basic spreadsheet program like Excell; then import or export data as you like and where you like. The loadings data are saved into your USB by date and time so no overwriting will happen and your imports will be crystal clear to find them out.

Front USB port, compactness is standard





## WIRELESS DATA TRANSMISSION

### TRACKWEIGHT MOBILE

Stay connected to your loader 24/7, 7 days a week. **Trackweight** sends you real-time data from your loader wherever you may be, all you need is an internet connection.

Its compact function gives you:

- Unlimited transmission range
- Real time data transmission
- Production data at a selected email account.
- 100% data security as data is sent in real time and stored on a server provided for you.
- Automatic and direct billing without having to enter delivery tickets manually after they are printed on the loader.
- Easy management of all extraction sites located in and outside the country.
- Upgrade your scale data management remotely.

The use of **Trackweight** modem requires to open an account into **ipotweb.com** because data will be sent to **VEI** servers and from **ipotweb.com** visible to the registered account, only. In alternative data can be sent to a dedicated FTP server other than **VEI**. Please contact **VEI** representative for further info this regarding.



Quad-band cellular modem



**RFLINK**

Ideal for short distance data transmission within the same site where the loading machinery is working. **RFLink** is in fact used when delivery tickets need to be printed at the exit of the loading site or inside industrial plants in order to transfer data in real time. Frequency and power transmission depends upon country of usage. It can be used for real time or delayed data transmission.

If you want to take advantage of **VEI** Payload Monitoring software an account must be opened into **ipotweb.com** and an internet connection must be available in the job site. Otherwise your loading Excell files will be placed one by one into your preferred PC folder.



**RFLink**

radio modem  
Real-time data  
transmission.  
Limited range



**WiFi**



WiFi modem

Ideal in job sites where a WiFi network is existing. Your loader will be part of the WiFi network in matter of minutes and loading data available at your preferred location in the job site and web wide. Transmission range depends from your local access point. It can be used for real time or delayed data transmission. If you want to take advantage of **VEI** Payload Monitoring software an account must be opened into **ipotweb.com** and an internet connection must be available in the job site. Otherwise your loading Excell files will be placed one by one into your preferred PC folder.

## REMOTE KEYS

### REMOTE YOUR MAIN KEYS

Bring your main 2 keys closer to your hands by using this small size **remote keys** box. It can be screws fixed or velcro attached to where it is more comfortable for your operation, usually the machine's right hand joystick.



Remote keys



# IPOTWEB.COM MAKES YOUR BUSINESS MORE EFFICIENT

ipotweb

## PAYLOAD MONITORING SOFTWARE

Whether you use the USB or wireless data transfer, the payloads information ends up in a single database from where it can be exported to a billing software. With **ipotweb**, you can generate different types of reports, tracking down in real time your inventory, sales analysis and machine productivity.

With **ipotweb.com** production and sales are linked to billing, cutting administration filing time drastically.

[illegible]

## Customers

Vehicle

## Vehicle IDS

[illegible]

## Report sorted by Product

pot

payload  
monitoring

HOME

LOADING  
MOVEMENTS

BLEND  
MOVEMENTS

FILES

DEVICE MANAGER

PREFERENCES

My account

Logout

IMPORT

EXPORT

ARCHIVE

NEW

FIND

PRINT

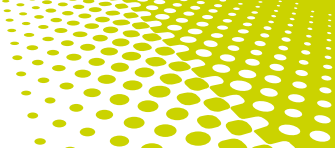
LOADING MOVEMENTS (32) (Gran total: 771.490 t)											
Starting Date/Time	Ending Date/Time	Weight (t)	Nr. of weighings	Product	Customer	Destination	Operator ID	Ticket Nr	Machine Code	Loading site	Loading company
2013-02-08 14:10:00	2013-02-08 14:25:12	25,000	8	GRAVEL	PULLISMER	TOURTE 65	STEVE	25 CAT 860H	RIVER QUARRY	TARANTINO LTD	
2013-02-08 14:30:16	2013-02-08 14:48:48	23,500	7	5 SAND	FORD LTD	NEW STADIUM	STEVE	26 CAT 860H	RIVER QUARRY	FORD CONSTRUCT.	
2013-02-08 14:30:18	2013-02-08 14:50:45	28,750	10	ROCK	SMITH & CO LTD	MARINA QUAY	BOB	145 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 14:55:00	2013-02-08 15:20:12	27,350	9	ROCK	SMITH & CO LTD	MARINA QUAY	BOB	146 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 15:20:16	2013-02-08 15:33:58	21,700	7	5 SAND	ANDERSON	HILL TOWER	STEVE	27 CAT 860H	RIVER QUARRY	JONES TRANS LTD	
2013-02-08 15:22:22	2013-02-08 15:35:38	24,850	8	ROCK	SMITH & CO LTD	MARINA QUAY	BOB	147 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 15:35:11	2013-02-08 15:45:44	25,000	8	5 SAND	LEE & A CO LTD	BIG SQUARE	STEVE	28 CAT 860H	RIVER QUARRY	TORRES & COX LTD	
2013-02-08 15:35:12	2013-02-08 15:40:40	24,450	7	5 SAND	PETERSON	BELL STREET	BILL	44 JOHN DEERE	NEW QUARRY	P. CONSTRUCTIONS	
2013-02-08 15:35:50	2013-02-08 15:48:58	23,150	7	ROCK	SMITH & CO LTD	MARINA QUAY	BOB	148 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 15:40:44	2013-02-08 15:45:48	22,780	6	SAND	KING LTD	TIM GARDEN	STEVE	29 CAT 860H	RIVER QUARRY	PARKER CO.	
2013-02-08 15:45:00	2013-02-08 15:59:59	27,050	10	SAND	PETERSON	BELL STREET	BILL	45 JOHN DEERE	NEW QUARRY	P. CONSTRUCTIONS	
2013-02-08 15:45:45	2013-02-08 16:01:01	24,440	8	ROCK	SMITH & CO LTD	MARINA QUAY	BOB	149 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 15:50:18	2013-02-08 16:10:19	23,900	7	5 SAND	RIEGER	NEW BRIDGE	STEVE	30 CAT 860H	RIVER QUARRY	RIVIERA LTD	
2013-02-08 16:05:18	2013-02-08 16:23:53	21,540	7	SAND	COOPER	WAREHOUSE	BILL	46 JOHN DEERE	NEW QUARRY	COOPER	
2013-02-08 16:07:49	2013-02-08 16:21:22	20,550	6	GRAVEL	COLEMAN	SWEET HOME	RON	8 CASE 321D	RED QUARRY	MORGAN F. LTD	
2013-02-08 16:20:46	2013-02-08 16:36:38	28,870	9	SAND	PETERSON	BELL STREET	BILL	47 JOHN DEERE	NEW QUARRY	P. CONSTRUCTIONS	
2013-02-08 16:22:15	2013-02-08 16:35:45	22,000	7	GRAVEL	COOK	J HOUSE	STEVE	31 CAT 860H	RIVER QUARRY	B.C.Z. TRANSPORTS	
2013-02-08 16:35:00	2013-02-08 16:45:48	24,440	8	SAND	COX CONSTRUCTIONS	UNIVERSITY	BILL	48 JOHN DEERE	NEW QUARRY	COX CON.	
2013-02-08 16:36:18	2013-02-08 16:58:12	29,990	11	ROCK	SMITH & CO LTD	MARINA QUAY	BOB	150 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 16:40:42	2013-02-08 16:59:59	24,250	8	SAND	POWELL	HIGHWAY	RON	9 CASE 321D	RED QUARRY	POWELL	
2013-02-08 16:55:00	2013-02-08 17:18:55	20,200	6	SAND	PERRY CO.	GARDEN PARK	STEVE	32 CAT 860H	RIVER QUARRY	PERRY CO.	
2013-02-08 17:05:16	2013-02-08 17:28:14	19,850	6	ROCK	SMITH & CO LTD	BRIDGE	BOB	151 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 17:10:58	2013-02-08 17:25:49	19,950	6	SAND	BUTLER & BUTLER	ROADWAY	RON	10 CASE 321D	RED QUARRY	BUTLER	
2013-02-08 17:22:31	2013-02-08 17:28:12	30,500	12	SAND	BRYANT	BUILDING B	STEVE	33 CAT 860H	RIVER QUARRY	B.C.Z. TRANSPORTS	
2013-02-08 17:22:31	2013-02-08 17:36:36	24,000	8	GRAVEL	COX CONSTRUCTIONS	UNIVERSITY	BILL	49 JOHN DEERE	NEW QUARRY	COX CON.	
2013-02-08 17:28:44	2013-02-08 17:39:12	23,780	8	SAND	HUGHES	ST SCHOOL	RON	11 CASE 321D	RED QUARRY	MORGAN F. LTD	
2013-02-08 17:36:00	2013-02-08 17:52:12	21,100	7	ROCK	SMITH & CO LTD	MARINA QUAY	BOB	152 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 17:44:52	2013-02-08 17:57:23	24,550	8	GRAVEL	FOSTER CO	RIVER BANK	STEVE	34 CAT 860H	RIVER QUARRY	FOSTER CO	
2013-02-08 17:51:49	2013-02-08 18:02:01	20,900	6	SAND	RUSSEL	ROADWAY	BILL	50 JOHN DEERE	NEW QUARRY	B.C.Z. TRANSPORTS	
2013-02-08 18:02:03	2013-02-08 18:19:00	22,550	8	ROCK	SMITH & CO LTD	MARINA QUAY	BOB	153 NEW HOLLAND	FALLS QUARRY	SCOTT TRANSPORTS	
2013-02-08 18:05:55	2013-02-08 18:21:22	25,000	8	SAND	WARD & CO	CITY HALL	RON	12 CASE 321D	RED QUARRY	WARD & CO	
2013-02-08 18:20:18	2013-02-08 18:25:15	25,550	9	GRAVEL	FOSTER CO	RIVER BANK	STEVE	35 CAT 860H	RIVER QUARRY	FOSTER CO	

VHM © 2013 pot payload monitoring - Veigrou srl - All Rights Reserved

## Loading movements

## Report sorted by Customer and Product

[illegible]



# VKIOSK UNRIVALLED AUTOMATION

## VKIOSK FULL AUTOMATION



The **vkiosk** brings unparalleled automation to the sector, cutting running costs drastically and paying for itself in just a few months. With **vkiosk**, vehicles entering the loading site, whether it's a quarry, construction site or landfill site, are controlled through manual or automatic vehicle recognition. This provides direct control over all vehicles operating in the site, and the opportunity to deny authorization as necessary. But **vkiosk** is not just a simple access control system, as once a vehicle has been recognized, all associated data, such as the customer name, vehicle registration number, weight and product is sent wireless to the loading machine. This means the driver no longer needs to get out to give these details to the loader operator, and the latter doesn't have to enter data for the vehicle being loaded because it is already contained in the wireless data received from the **vkiosk** when the vehicle entered the site. Once the vehicle has been loaded, the loader operator, by deleting the running total on the scale, sends a message to the **vkiosk** specifying the weight actually loaded so when the vehicle is recognized at the exit, the driver receives the delivery docket automatically.



## SCALE HOUSE AUTOMATION



Whether the job site is equipped with a scale house at the entrance, **ipot kiosk**, the software core behind the **vkiosk**, can be installed on the scale house PC to automate trucks loading, by registering the truck at the entrance, dispatching the truck info together with the weight to load to the loading machine and retrieving the loaded truck info at the exit for a quick delivery docket printout.

## REMOTE PRINTING

The **vkiosk** can be used for simply printing the truck delivery docket remotely as job site security regulations are becoming stringent for truck drivers to step down from their truck to get the delivery docket from the loader operator.

<b>Zenith Aggregates</b>	
<small>Zenith Aggregates 24, Riverside Road Dunelm - OH 43004 Ph: 419 924 1000 - fax 419 924 1000 e-mail: info@zenithaggregates.com www.zenithaggregates.com</small>	
<small>Zenith Quarry Limited 115 Jackson Road Fremont - OH 43000 Ph: 3344 9283 - fax 3344 9284 e-mail: info@zenithaggregates.com www.zenithaggregates.com</small>	
<b>LOADING SITE</b>	
ZENITH QUARRY LIMITED 115 JACKSON ROAD FREMONT OH PH. 3344 9283	
<b>LOADING COMPANY</b>	
RUSSEL EXCAVATIONS LTD INDUSTRIAL PARK BLOCK 5 FREMONT OH PH. 3344 9458	
Date	Time
28-02-2013	15:10
<b>PRODUCT</b>	<b>TOTAL</b>
57 ROUND GRAVEL	24,500
<small>products are processed complying with EN12942 1187</small>	
<b>Product note</b>	
57 ROUND GRAVEL COMPLY WITH STANDARDS UNI-EN 12650 UNI-EN 12700	
<b>LOADED CUSTOMER</b>	
UNITED STEEL CORP. LTD MILLER STREET 223 TOLEDO OH 43604	
<b>CARRIER</b>	
HUMPHREY TRANSPORTS LTD CARLINGTON STREET SANDUSKY OH 44870	
<b>DESTINATION</b>	
PINE TREE INDUSTRIAL ZONE LUCAS OH 44843	
<b>VEHICLE</b>	
SIM 85 FR	
<b>OPERATOR</b>	<b>Ticket No.</b>
STEVE	1090
SIGNATURE	
[Signature]	
Total Format	



WIRELESS



WIRELESS

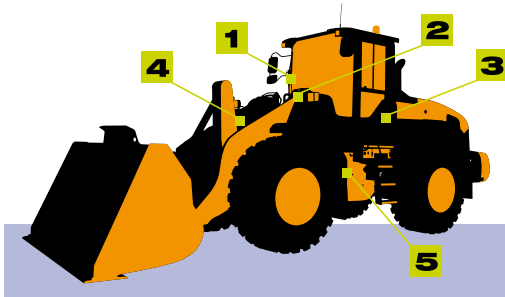


# APPLICATIONS

## THE WEIGHING CONCEPT

**VEI** products can be installed on a variety of machineries throughout diverse industries. In each one of them **VEI** scales deliver superior accuracy for a better optimization of your loadouts, production processes, sales analysis, inventory updates, trucks load optimization, loading machines productivity. **VEI** scales are installed by trained personnel assuring a perfect fit into your machineries or easily done by your personnel because they are simple and straight forward to install; **VEI** local support is always available to help you out in case of need. **VEI** scales can be easily transfered from one machine to an other of the same kind, they are durable and **DESIGNED TO LAST**.

## WHEEL LOADER



**1** helperX - millennium5 onboard instrumentation



**2** Contact-free weighing zone sensor



**3** Tilt sensor for legal for trade systems, only



**4** Bucket close sensor for legal for trade systems, only

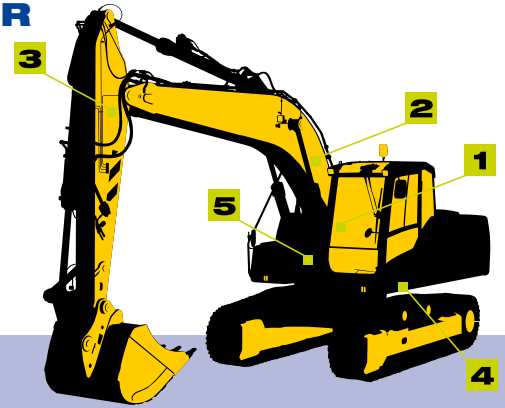


**5** Load sensors to know the lifting pressure

**OPTIONS**

- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**

## HYDRAULIC EXCAVATOR



**1** helperX - millennium5 onboard instrumentation



**2** Boom sensor



**3** Stick sensor



**4** Track sensor



**5** Load sensors to know the lifting pressure

**OPTIONS**

- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**

## MATERIAL HANDLER



**1** helperX - millennium5  
onboard instrumentation



**2** GR2 load sensing block

## WEIGHT TOTALIZING



Totalizing option  
with push button

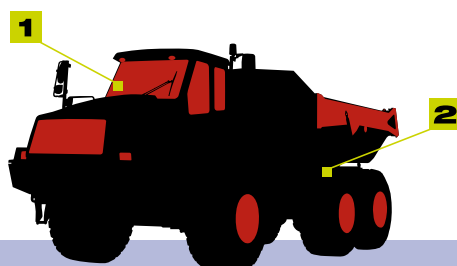


or with pedal

## OPTIONS

- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**

## ADT ARTICULATED DUMP TRUCK



**1** helperX - millennium5  
onboard instrumentation



**2** Load link on the rear axles

## OPTIONS

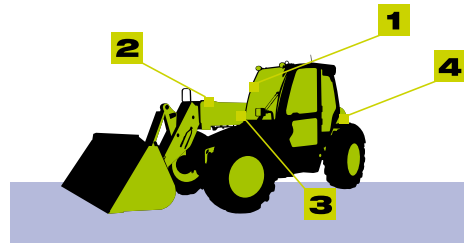
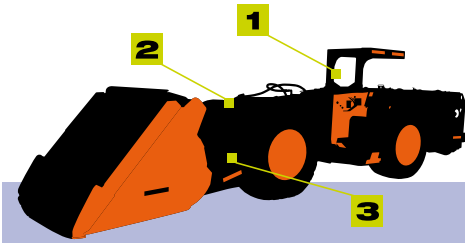
- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**



## LHD UNDERGROUND LOADER

## TELEHANDLER

## OFF-ROAD CONCRETE MIXER



**1** helperX - millennium5  
onboard instrumentation



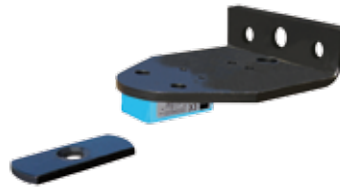
**1** helperX - millennium5  
onboard instrumentation



**1** helperX - millennium5  
onboard instrumentation



**2** Contact-free weighing zone sensor



**2** Arm position sensor (optional)



**2** Contact-free weighing zone sensor



**3** Load sensors to know  
the lifting pressure



**3** Contact-free weighing zone sensor



**3** Load sensors to know  
the lifting pressure



**4** Load sensors to know  
the lifting pressure

### OPTIONS

- **vPrint** thermal high speed printer
- **ipotweb.com** payload monitoring
- **Remote keys**

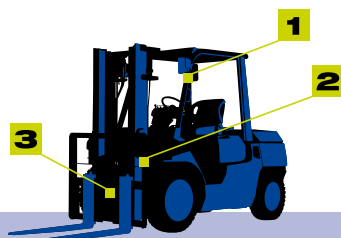
### OPTIONS

- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**

### OPTIONS

- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**

## FORK-LIFT TRUCK



**1** helperX - millennium5 onboard instrumentation



**2** Contact-free weighing zone sensor

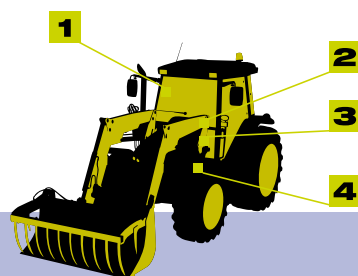


**3** Load sensor to know the lifting pressure

### OPTIONS

- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**

## TRACTOR



**1** helperX - millennium5 onboard instrumentation



**2** Contact-free weighing zone sensor



**3** Quick disconnect plug to easily release front arm from tractor

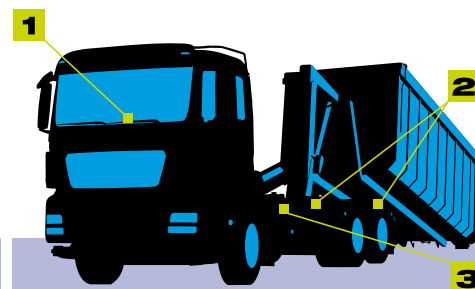


**4** Load sensors to know the lifting pressure

### OPTIONS

- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**

## ROLL-ON ROLL-OFF



**1** helperX - millennium5 onboard instrumentation



**2** Weighing pads on the truck's chassis



**3** Junction box, command box, pump group, fuse box

### OPTIONS

- **vPrint** thermal high speed printer
- **Slip Printer** slip dot matrix printer
- **Wireless data transmission**
- **ipotweb.com** payload monitoring
- **Remote keys**

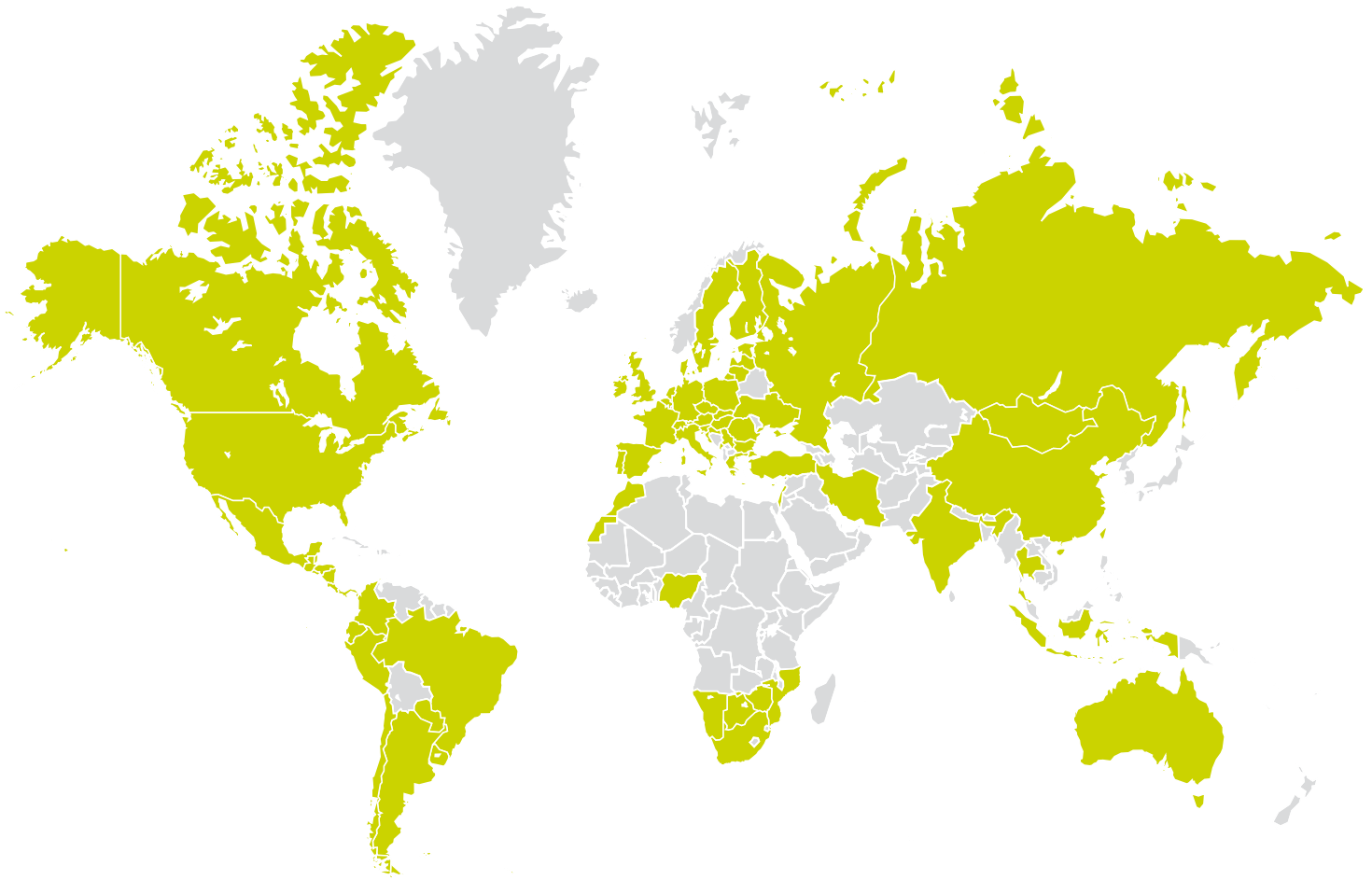
# INDUSTRIES

VEI SCALES CAN BENEFIT A WIDE ARRAY OF INDUSTRIES

IN EVERY  
INDUSTRY  
WHERE  
A LOAD  
IS MOVED,  
KNOWING  
THE WEIGHT  
IS OF PRIME  
IMPORTANCE  
BECAUSE  
IT IMPLIES  
THE ENERGY  
TO MOVE IT  
WHICH  
ESTABLISHES  
THE  
PROFITABILITY  
OF THE  
ACTION.



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**50 TRAINED DISTRIBUTORS IN 50 COUNTRIES**  
**THOUSANDS OF SYSTEMS INSTALLED**  
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